

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jae-Young Jung
Serial No. : 09/713,775
Filed : November 15, 2000
Title : MARTENSITIC STAINLESS STEEL HAVING HIGH MECHANICAL
STRENGTH AND CORROSION

Art Unit : 1742
Examiner : Deborah Yee

Commissioner for Patents
Washington, D.C. 20231

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2/2/03
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DEC 31 2002
TC 1700

RESPONSE TO OFFICE ACTION DATED AUGUST 15, 2002

In response to the office action mailed August 15, 2002 ("Office Action"), please amend the application as follows:

In the claims:

Amend claims 1, 3, 5, and 7 as follows:

B₁
1. (Twice Amended) A martensitic stainless steel with high strength and high corrosion resistance comprising less than 0.06 wt.% C, less than 2.5 wt.% Si, less than 2.5 wt.% Mn, 1.0-2 6.0 wt.% Ni, 10.0-19.0 wt.% Cr, 0.5-6.0 wt.% W, less than 3.5 wt.% Mo, less than 0.5 wt.% Nb, less than 0.5 wt.% V, less than 3.0 wt.% Cu, 0.11-0.25 wt.% N, and the remainder being Fe and minor impurities.

B₂
3. (Twice Amended) A martensitic stainless steel with high strength and high corrosion resistance comprising less than 0.035 wt.% C, less than 2.0 wt.% Si, less than 2.0 wt.% Mn, 1.5-4.5 wt.% Ni, 12.0-16.0 wt.% Cr, 0.5-4.5 wt.% W, less than 2.5 wt.% Mo, less than 0.3 wt.% Nb, less than 0.3 wt.% V, less than 2.0 wt.% Cu, 0.11-0.25 wt.% N, and the remainder being Fe and minor impurities.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 16, 2002
Date of Deposit

Diane M. Saturno
Signature

Diane M. Saturno
Typed or Printed Name of Person Signing Certificate

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